

ARTIFACT SHEET

Enter artifact number below. Artifact number is application number + artifact type code (see list below) + sequential letter (A, B, C ...). The first artifact folder for an artifact type receives the letter A, the second B, etc..
Examples: 59123456PA, 59123456PB, 59123456ZA, 59123456ZB

Indicate quantity of a single type of artifact received but not scanned. Create individual artifact folder/box and artifact number for each Artifact Type.

☐

CD(s) containing computer program listing

Doc Code: Computer

Artifact Type Code: P

☐

Stapled Set(s) of Extra Color Drawings/Photographs

Doc Code: Artifact

Artifact Type Code: C

☐

CD(s) containing pages of specification
and/or sequence listing

☐

Doc Code: Artifact

Artifact Type Code: S

☐

CD(s) with content unspecified

Doc Code: Artifact

Artifact Type Code: U

☐

Microfilm(s)

Doc Code: Artifact

Artifact Type Code: F

☐

Video tape(s)

Doc Code: Artifact

Artifact Type Code: V

☐

Model(s)

Doc Code: Artifact

Artifact Type Code: M

☐

Bound Document(s)

Doc Code: Artifact

Artifact Type Code: B

☐

Other, description: _____

Doc Code: Artifact

Artifact Type Code: Z

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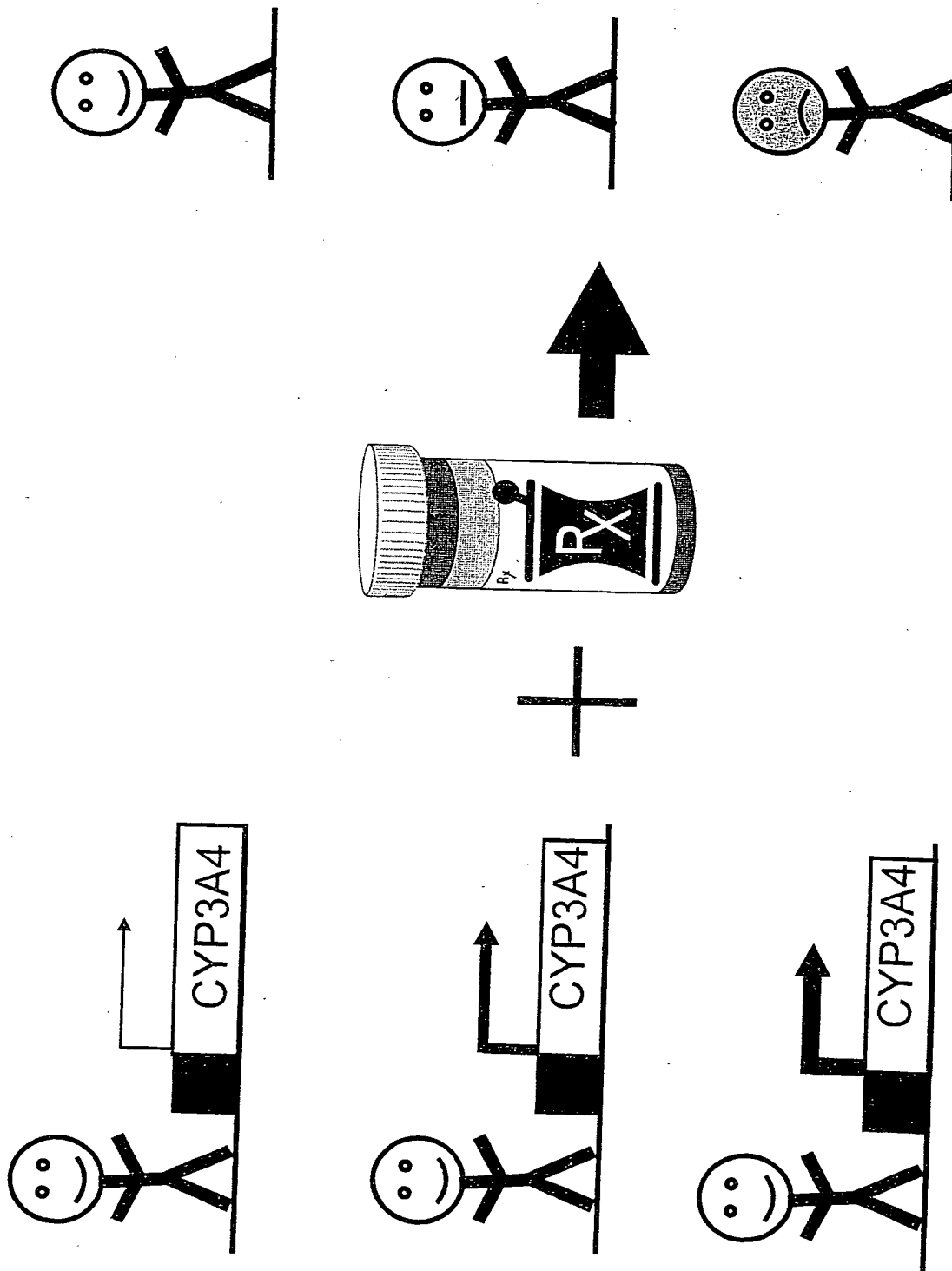


Fig. 1
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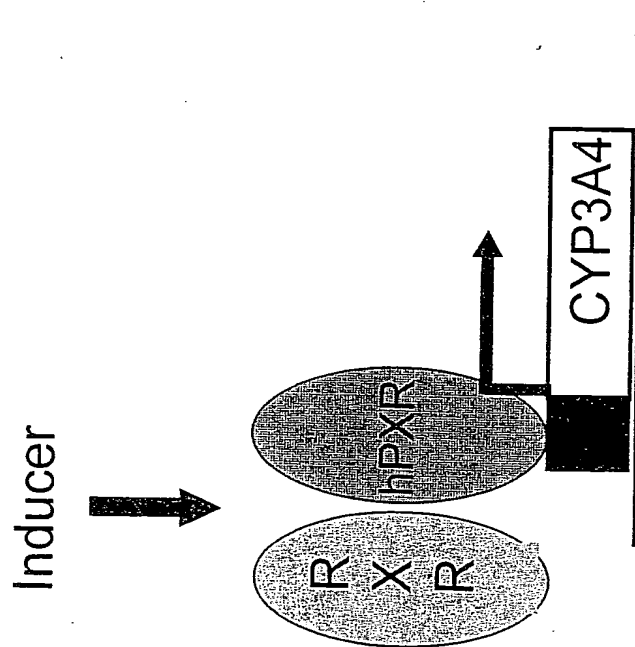


Fig. 2

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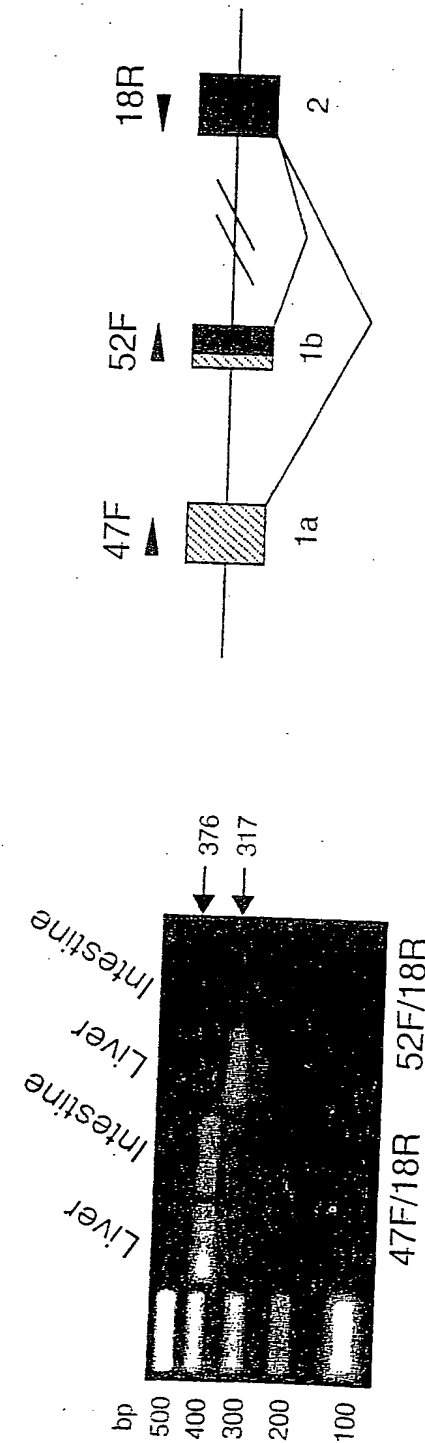
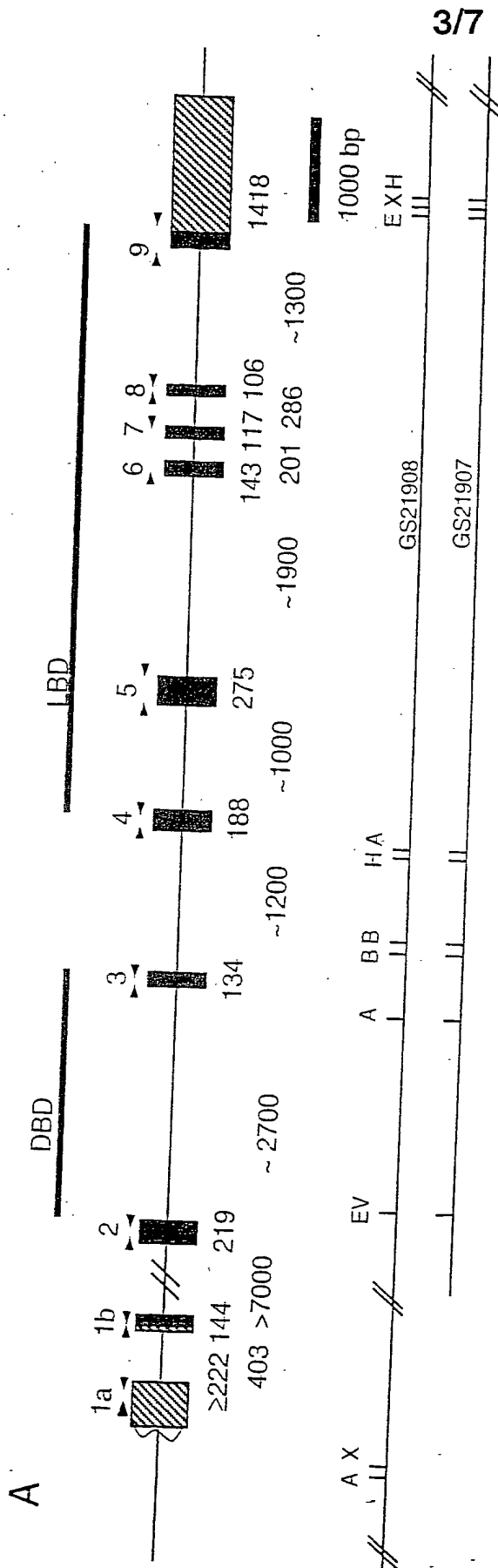


Fig. 3
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Exon1a & Exon1b

TCAAGTGTGGACTTGGGACTTAGGAGGGGCAATGGAGCCGCTTAGTGCCTACATCTGACTTGGAC
TGAAATATAGGTGAGAGACAAGATTGTCTCATATCCGGGGAAATCATAACCTATGACTAGGA
CGGGAAGAGGAAGCACTGCCTTTACTTTCAGTGGGAATCTCG→AGCCTCAGCCTGCAAGCCA
AGTGTTCACAGTGAAGGCAAGAGAATAAGCTAATACTCCTGTCCTGAAC→AAAGGCAGC
GGCTCCTTGGTAAAGCTACTCCTTGATCGATCCTTTGCACCCGGATTGTTCAAAGTGGACCCCA
GGG→TGAGAAGTCGGAGCAAAGAACTTACCACCAAGCAGGTATGGTTTTCTTTCTTTCTCTTT
TGCTGGGGGCTGACCGCCCTTCAGCTCCAGCCAAAAGATGTGTGTGAACACAAATATACCTTCTGT
TTGAGGTACGCATCATAGTGGGTCGTGAATCATGTTGGCCTTGCTGCTGTCTCCTCATTTCTAGGGT
GAAAAAAGCATGAAAACAATCACTTAATGTTGAGCCCCATTACTGATGCTCTCTGGTCCTG
CACTAGCCTCCTAGAAAAATCACCACAGCCTTAATACTGTCATGAGTTACCACAAGTCACACATAC
AACCAGCTCCCTGTTACAGGGCTGGAGTCCCTGGACCCAGGAAATACCACCTCCAAGGACTGT→G
GGGAGCTGGGGACTATGGGAAGTGGGATCAACTCAGTCCTGATTCCTTTTGGCCTGTGGGTTAG
TGCTGGCAGCCCCC→TGAGGCCAAGGACAGCAGCATGACAGTCAACAGGACTCACCACCTT
CAAGGAGGGGTCCCTCAGAGCACCTGCCATACCCCTGCACAGTGTGCGGCTGAGTTGGCTT
CAAACAGTGAAGTTTCTACCTCTACTATTGAAAGGGCACCTTGTCCACAGAACCAGAGTCTTGCC
TGCATGTGG

Exon2

CTGAGGCCTCTACACATCCCTGTCCAGTCTTTTCAATTCTCT→CGTGGTTTTCTCATTTCTAGTCCAA
GAGGCCCAGAAGCAAACCTGGAGGTGAGACCCAAAGAAAGCTGGAACCATGCTGACTTTGTA
CACTGTG→AAGGACACAGAGTCTGTTCCCTGGAAAGC→TCCAGTGTCAACGCAGATGAGGAA
GTCG→AGAGGTCCCCAAATCTGCCGTGTATGTGGGGACAAGGCCACTGGCTATCACTTCAAT
GTCATGACATGTGAAGGATGCAAGGGCTTTTTTCAAGGTAGAGTTACCCATCAGCCTTCACCCACG
TGCCACCACTGACCCACTGGGTAACATCTCAGGGCCT

Exon3

CTGGGACGCAAAGGCTAGTGTCCCCCTCCCCGAGTCGGTAGGGGCTGGGGAGGGAGGTGGTATGG
CCCGGAGCCCCAGGCCGAGGGCCCCGGGCACCCGTGCATC→TCCCCCTTCTGCTCCCCATTCTCTCA
CAGGAGGGCCATGAAACGCAACGCCCGGCTG→CAGGTGCCCCCTTCCGGAAGGGCGCCTGCG
AGATCACCCGGAAGACCCGGCGACAGTGCCAGGCCTGCCGCCTGCGCAAGTGCCTGGAGAG
C→TGGCATGAAGAAGGAGAGTGAGCAGTGGGCGCGCGGGCGGGCGCCGGGGGTGCACGGC
TCTGAGTAAGGACGTGCCGTGGGTGTGT→GGCATGCTTGTGTGGAGATGCGCGCCGAGTGTGCGC
GTGAACACACGTGCACATGTGAGCTGGTGTCCGTGTGCAACAGG

Exon4

TAACGGCTTCTGCTGCCTTGAGAGGGTTACACAGTGGCTCTCCAGGGGGCTGGAGGCTCACCAGGG
GCACGTGTGCCTGAGCCAGCCTCACTGTCCCTGCAGTGATCATGTCCGACGAGGCCGTGGAGGA
GAGGCGGGCCTTGATCAAGCGGAAGAAAAGTGAACGGACAGGGACTCAGCCACTGGGAG→A
TGCAGGGGCTGACAGAGGAGCAGCGGATGATGATCAGGGAGCTGATGGACGCTCAGATGAA
AACCTTTGA→GCACT→CACCTTCTCCCATTTCAAGAAATTTCCGGGTAGGAGGAACTGCACAGT
GACCCGAGGTGTCACTGCCATCTTCAATTCTACATAGAACTGAGGTTCCCCAAGGATAAGAACT
TATACAAGGTCACAGCTAATCAGTGGTGGAGGGTAGATTTGGAGAGCT

Exon5

CTGAGTTGGGACCTGTCTATGAAAGCACATGCTGTCTCTCCTCTGTCCACCTCCTGGCATGTGTCTCT
AGCTGCCAGGGGTGCTTAGCAGTGGC→TTGCGAGTTGCCAGAGTCTCTGCAGGCCCCATCG
AGGGAAGAAGCTGCCAAGTGGAGCCAGGTCCGGAAGATCTGTGCTCTTTGAAGGTCTCTCT
GCAGCTGCGGGGGGAGGATGGCAGTGTCTGGAATAACACCCAGCCGACAGTGGC→TG
GGAAAGAGATCTTCTCCCTGCTGCCCCACATGGCTGACATGTCAACCTACATGTTCAAAGGC
ATCATCAGCTTTGCCAAAGTCATCTCCTACTTCAGGTAGGACATGGAGACTGGGTGGTTGGGTG
TGAAAAGAACTGGAAGTGGCCAGGAGGTTCAAAGGGCCTGG

Fig. 4

Exons 6&7

CTGCTGGTGCCGGCCTGTGGGCTGCCTCCCAGGGAGCTGTCTCCCCTCCCCATCCTTGCTGCCAGG
GACTTGCCCATCGAGGACCAGATCTCCCTGCTGAAGGGG→AGCCGCTTTCGAGCTGTGTCAA
CTGAGATTCAACACAGTGTTCAACGCGGAGACTGGAACCTGGGAGTGTGGCCGGCTGTCTTA
CTGCTTGGAAGACACTGCAGGTGCCCGAGAGAGCCTGCCCTGCCCTGGCAGAGGGAGGGAAACAC
TGCAGTTATGGGAGGAAGGGAGCTACGCCAGGATATGCAGGTTCTGGGATGGCAG→AGGCAGGA
AGATGGAATGGTGGAAAACAAGA→GTATTGGTGAGGGATGATTAGATCTTGGTCAGCTTGCTGAG
AAGCTGCCCCTCCATC→TCTGTTACCATCCACAGGTGGCTTCCAGCAACTTCTACTGGAGCCCA
TGCTGAAATTCCACTAC→TATGCTGAAGAAGCTGCAGCTGCATGAGGAGGAGTATGTGCTGA
TGCAGGCCATCTCCCTCTTCTCCCCAGGTGAGGATCTCCCCTAGGCTGCCTGACATCCCCCCC→
TAGCCTTATCTGCCCTCCCCAGGGAAGGTCCCAGTC

Exon 8

GAGCAATGCCCTGACTCTGGGCTGGACTGAGCTTGTCTTTGCCCCATGATCTTGCAACACACCTCCC
TCCCCTCCAGACCGCCAGGTGTGCTGCAGCACCGCGTGGTGGACCAGCTGCAGGAGCAATT
CG→ACCATTACTCTGAAGTCCTACATTGAATGCAATCGGCCCCAGCCTGCTCATAGGTGAGC
ACAGCAGGGGGTGAGGACCCGTGAGGGTGATGTGAGG→AGAGCCGAGGTTCAAGGAAATTGCC
AAGACTTCATGCCCAGAGGG

Exon 9

TGCTTGTGCAGCCTCAGAGCAGCCCTGAGGCTTGTGGGTCAGGGCGGGCTGCACCCACAATCTTTT
CTCTGGCTGGCATGCAGGTTCTTGTTCCTGAAGATCATGGCTATGCTCACCGAGCTCCGCAGC
ATCAATGCTCAGCACACCCAGCGGCTGCTGCGCATCCAGGACATACACCCCTTTGCTACGCC
CCTCATGCAGGAGTTGTTTCGGCATCACAGGTAGCTGAGCG→AGCTGCCCTTGGG→ATGACA
CCTCCGAGAGGCAGCCAGACCCAGAGCCCTCTGAGCCGCCACTCCCGGGCCAAGACAGATG
GACACTGCCAAGAGC

Fig. 4 continued

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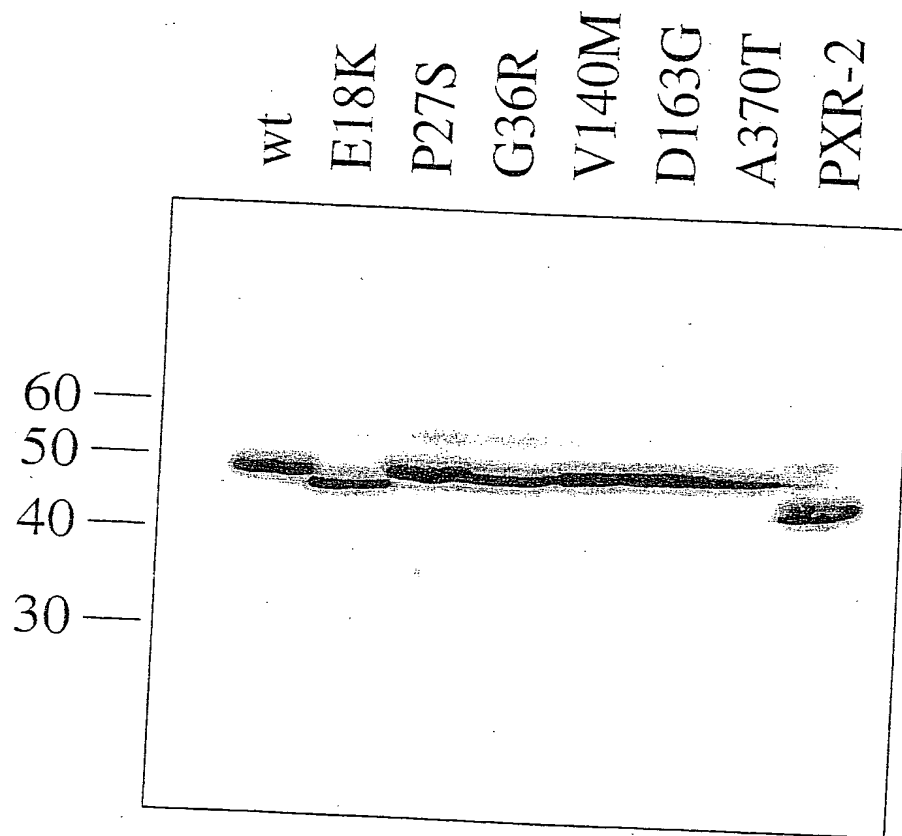
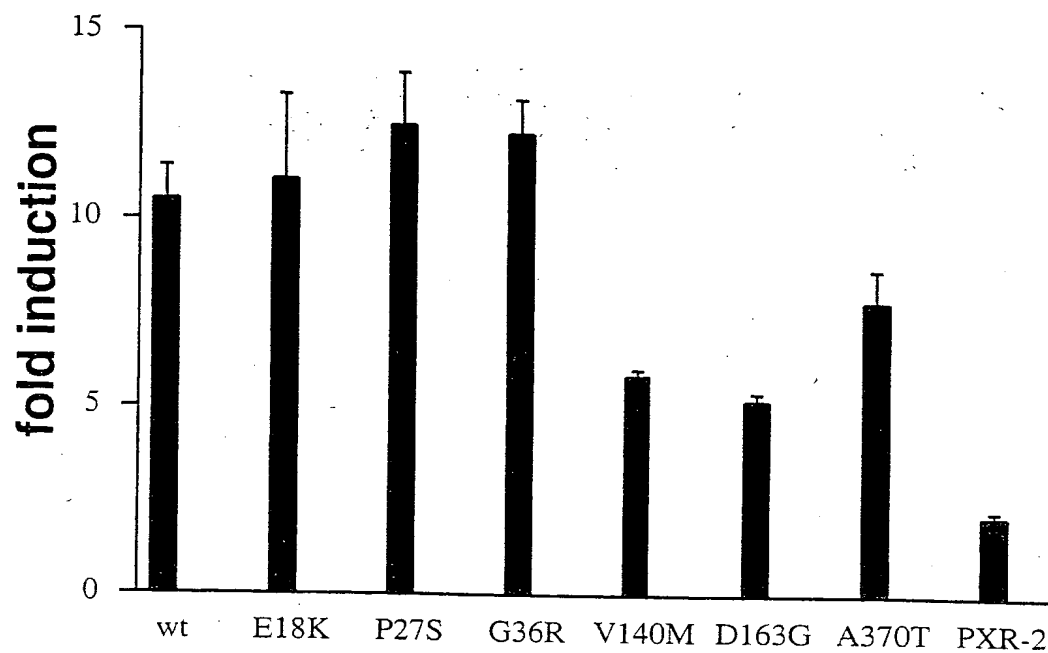


Fig. 5

A

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B

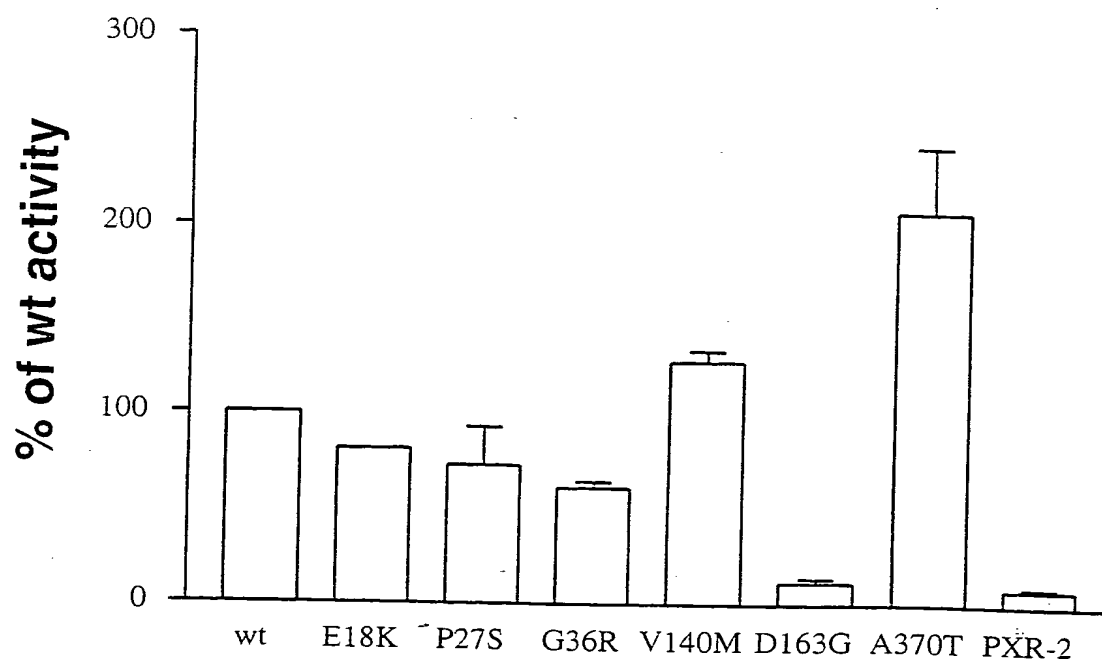


Fig. 6